

**IN THE SPECIFICATION:**

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strikethrough~~.

Please REPLACE the paragraph beginning at page 13, line 10, with the following paragraph:

First of all, a received signal through the communication lines ~~32~~ 30 enters a line equalizer (LEQ) 12, and is equalized. The equalized signal then enters a demodulation module (DEM) 14, and the demodulation module 14 demodulates the signal. The demodulated signal then enters an automatic gain control circuit (AGC) 20 through a roll off filter (ROF) 16 and an equalizer (EQL) 19. The AGC circuit 20 controls a level of the received signal to be stabilized. An output signal of the AGC circuit 20 then enters a determination module (DET) 22. Determination module 22 determines in which area of a detection surface, such as shown in Fig. 7, does an input signal corresponds to, and outputs data corresponds to the determined area. Determined data is then output to a data terminal 32 as received data RD.

Please REPLACE the paragraph beginning at page 14, line 7, with the following paragraph:

On the other hand, send data (SD), received from the data terminal 32, enters a signal point generation module (SIG) 24. The signal point generating module 24 generates a signal point information corresponds to the send data. A signal from the signal point generation module is then sent to a modulation module (MOD) 28, through a roll ~~of~~ off filter (ROF) 26. The modulation module 28 modulates input signal, and outputs modulated signal onto the communication lines 30 as send signal.